

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 10/521,693  
Applicant: Ben Adler, *et al.*  
Confirmation No.: 8800  
Filed: September 19, 2005  
Group Art Unit: 1645  
Examiner: Brian J. Gangle  
For: Novel Brachyspira hyodysenteriae vaccine  
Attorney Docket: I-2002.011 US

October 30, 2007

**RESPONSE TO FINAL OFFICE ACTION**

Box: AF  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

In reply to the Final Office Action issued July 16, 2007, please enter the amendments that follow:

**Amendments to the Claims begin on page 2.**

**Remarks begin on page 3.**

**Petition for Extension of Time**

Applicants respectfully request a one month extension of time for filing this response. The Commissioner is hereby authorized to charge the fee(s) for such an extension to Deposit Account No. 02-2334.